## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query                                                                                                                                                                                                        | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|---------|---------------------|
| S1    | 1    | 10/724700                                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/06<br>14:15 |
| S2    | 1    | "5842023".pn.                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/06<br>14:15 |
| S3    | 1    | "20020078447"                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/06<br>14:16 |
| S4    | 1    | "20020062487"                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/06<br>14:16 |
| S5    | 0    | 11-313191                                                                                                                                                                                                           | EPO                | OR                  | ON      | 2008/01/06<br>14:17 |
| S6    | 0    | "11313191"                                                                                                                                                                                                          | EPO                | OR                  | ON      | 2008/01/06<br>14:16 |
| S7    | 0    | 9-160899                                                                                                                                                                                                            | EPO                | OR                  | ON      | 2008/01/06<br>14:17 |
| S8    | 0    | "9160899"                                                                                                                                                                                                           | EPO                | OR                  | ON      | 2008/01/06<br>14:17 |
| S9    | 0    | 11-313191                                                                                                                                                                                                           | JPO                | OR                  | ON      | 2008/01/06<br>14:17 |
| S10   | 1    | "11313191"                                                                                                                                                                                                          | JPO                | OR                  | ON      | 2008/01/06<br>14:17 |
| S11   | 0    | "9160889"                                                                                                                                                                                                           | JPO                | OR                  | ON      | 2008/01/06<br>14:18 |
| S12   | 0    | "9160899"                                                                                                                                                                                                           | JPO                | OR                  | ON      | 2008/01/06<br>14:18 |
| S13   | 0    | "9160899"                                                                                                                                                                                                           | JPO                | OR                  | ON      | 2008/01/06<br>14:18 |
| S14   | 6562 | 358/1.15                                                                                                                                                                                                            | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/15<br>12:12 |
| S15   | 0    | S14 and (data and broadcast\$4) and (receiv\$4 and reproduc \$6) and (digital and wave) and (display\$4 and control\$4) and (select\$6 and print\$4) and (permission and inhibit\$6) and (maintain \$8 and command) | US-PCPUB;<br>USPAT | OR                  | ON      | 2008/01/15<br>13:23 |

| S16  | 2  | S14 and (data and<br>broadcast\$4) and<br>(receiv\$4 and reproduc<br>\$6) and (digital and<br>wave) and (display\$4<br>and control\$4) and<br>(select\$6 and print\$4)<br>and (permission and<br>inhibit\$6) | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:33 |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S17  | 31 | \$14 and (data and<br>broadcast\$4) and<br>(receiv\$4 and reproduc<br>\$6) and (digital and<br>wave)                                                                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:33 |
| S18  | 27 | S17 and (display\$4<br>and control\$4) and<br>(select\$6 and print\$4)                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:35 |
| S19  | 4  | S18 and permission                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:35 |
| \$20 | 2  | S18 and inhibit\$6                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>13:35 |
| S21  | 10 | S18 and (maintain\$8 and command)                                                                                                                                                                            | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:16 |
| S22  | 1  | "6490692".pn.                                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:37 |
| S23  | 1  | \$22 and (print\$4 and<br>maintenance) and<br>(chang\$5 and permi<br>\$8) and (inhibit\$6 and<br>inform\$8)                                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:20 |
| S24  | 1  | S23 and display                                                                                                                                                                                              | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:49 |
| \$25 | 1  | S24 and select\$4                                                                                                                                                                                            | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:50 |
| S26  | 1  | S25 and content\$4                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>16:58 |
| S27  | 1  | S26 and select\$4                                                                                                                                                                                            | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:03 |
| S28  | 10 | S21 and transmi\$8                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:23 |
| S29  | 0  | S28 and maintenance                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:20 |
| S30  | 10 | S28 and maint\$9                                                                                                                                                                                             | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:25 |
| S31  | 1  | S27 and transmi\$8                                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:23 |
| S32  | 1  | S31 and maint\$9                                                                                                                                                                                             | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:24 |

| S33 | 0 | S32 and broadcast\$4                                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:08 |
|-----|---|------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S34 | 2 | S30 and (charge and sum)                                               | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:50 |
| S35 | 1 | "4607335".pn.                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/01/15<br>17:50 |
| S36 | 1 | S35 and (print\$4 and cash) and (pay and display) and (sum and charge) | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:17 |
| S37 | 1 | "6189790".pn.                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:11 |
| S38 | 1 | "4607335".pn.                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:10 |
| S39 | 0 | S38 and broadcast\$4                                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:11 |
| S40 | 0 | S38 and broadcast\$4                                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:09 |
| S41 | 1 | S38 and sum                                                            | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S42 | 1 | S41 and charge                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S43 | 1 | S42 and control\$4                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S44 | 1 | S43 and display                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S45 | 1 | S44 and select                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:12 |
| S46 | 1 | S37 and broadcast\$4                                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:18 |
| S47 | 1 | S41 and sum                                                            | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S48 | 1 | S47 and charge                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S49 | 1 | S48 and control\$4                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S50 | 1 | S49 and display                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S51 | 1 | S50 and select                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S52 | 1 | S46 and sum                                                            | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:15 |
| S53 | 0 | S52 and charge                                                         | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:14 |
| S54 | 0 | S53 and control\$4                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:15 |

| S55         | 0 | S54 and display                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
|-------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S56         | 0 | S55 and select                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S57         | 1 | S52 and control\$4                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:15 |
| S58         | 1 | S57 and display                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S59         | 1 | S58 and select                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:16 |
| S60         | 1 | S59 and print\$4                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:17 |
| S61         | 1 | S45 and print\$4                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/01/16<br>13:17 |
| S62         | 2 | "20050078334"                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:25 |
| S63         | 1 | "20040139463"                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:42 |
| S64         | 0 | \$83 and (data and broadcast\$9) and (receiv\$9 and reproduc \$9) and (unit and digital) and (obtain\$9 and display\$9) and (content and text) dipermission and inhibit \$9) and (stor\$9 and set\$9) and (manag\$9 and convert\$9) | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:45 |
| S65         | 1 | S63 and (data and<br>broadcast\$9) and<br>(receiv\$9 and reproduc<br>\$9)                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:46 |
| S66         | 1 | S65 and (unit and digital)                                                                                                                                                                                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:47 |
| <b>S</b> 67 | 1 | S66 and (obtain\$9 and display\$9) and (content and text)                                                                                                                                                                           | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:47 |
| S68         | 1 | S67 and (permission and inhibit\$9)                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:47 |
| S69         | 1 | S68 and (stor\$9 and sett\$9)                                                                                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:48 |
| S70         | 1 | S69 and convert\$9                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:48 |
| S71         | 0 | S70 and manag\$9                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:48 |
| S72         | 1 | S70 and transmit\$9                                                                                                                                                                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:50 |

| S73 | 1    | S72 and reproduc\$9                                                                                             | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:51 |
|-----|------|-----------------------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S74 | 1    | S73 and render\$9                                                                                               | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:51 |
| S75 | 24   | "I114" and command                                                                                              | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:52 |
| S76 | 529  | "I14" and command                                                                                               | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:52 |
| S77 | 1    | S74 and command                                                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:52 |
| S78 | 1    | S77 and event                                                                                                   | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:53 |
| S79 | 1    | S78 and script                                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>12:54 |
| S80 | 7597 | 358/1.15                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S81 | 35   | \$80 and (data and<br>broadcast\$4) and<br>(receiv\$4 and reproduc<br>\$6) and (digital and<br>wave)            | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S82 | 31   | S81 and (display\$4<br>and control\$4) and<br>(select\$6 and print\$4)                                          | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S83 | 11   | S82 and (maintain\$8 and command)                                                                               | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S84 | 11   | S83 and transmi\$8                                                                                              | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S85 | 11   | S84 and maint\$9                                                                                                | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S86 | 2    | S85 and (charge and sum)                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S87 | 2    | S86 and (text and broadcast)                                                                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:02 |
| S88 | 1    | S87 and (text near9 broadcast)                                                                                  | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:03 |
| S89 | 2    | S87 and stor\$4                                                                                                 | US-PGPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:35 |
| S90 | 10   | "20040139463" "5842023".PN. "20020062487" "20020078447" "4607335".PN. "6189790".PN. "7263671".PN. "6774951".PN. | US-PCPUB;<br>USPAT | OR | ON | 2008/08/13<br>14:46 |

| S91  | 5  | S90 and manag\$9                                                                                                                     | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>14:47 |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----|----|---------------------|
| S92  | 4  | S91 and conver\$9                                                                                                                    | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>14:47 |
| S93  | 1  | S92 and permiss\$5                                                                                                                   | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>14:47 |
| S94  | 4  | S92 and print\$4                                                                                                                     | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>14:51 |
| S95  | 4  | S94 and stor\$9                                                                                                                      | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>14:58 |
| S96  | 4  | S95 and broadcast                                                                                                                    | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>15:01 |
| S97  | 1  | "20040139463"                                                                                                                        | US-PGPUB;<br>USPAT                                            | OR | ON | 2008/08/13<br>17:37 |
| S98  | 10 | "20040139463"<br>"5842023".FN.<br>"20020062487"<br>"20020078447"<br>"4607335".FN.<br>"6189790".FN.<br>"7663671".FN.<br>"6774951".FN. | US-PCPUB;<br>USPAT                                            | OR | ON | 2009/06/12<br>18:51 |
| S99  | 5  | S98 and manag\$9                                                                                                                     | US-PGPUB;<br>USPAT                                            | OR | ON | 2009/06/12<br>18:51 |
| S100 | 4  | S99 and conver\$9                                                                                                                    | US-PGPUB;<br>USPAT                                            | OR | ON | 2009/06/12<br>18:51 |
| S101 | 4  | S100 and print\$4                                                                                                                    | US-PGPUB;<br>USPAT                                            | OR | ON | 2009/06/12<br>18:51 |
| S102 | 4  | S101 and stor\$9                                                                                                                     | US-PGPUB;<br>USPAT                                            | OR | ON | 2009/06/12<br>18:51 |
| S103 | 4  | S102 and broadcast                                                                                                                   | US-PGPUB;<br>USPAT                                            | OR | ON | 2009/06/12<br>18:51 |
| S104 | 2  | S103 and (text and markup\$)                                                                                                         | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/12<br>18:51 |
| S105 | 2  | US-5842023-\$.DID. OR<br>US-20020078447-\$.<br>DID.                                                                                  | US-PGPUB;<br>USPAT; USOCR;<br>EPO                             | OR | ON | 2009/06/13<br>15:16 |
| S106 | 2  | "20020062487"                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2009/06/13<br>15:17 |
| S107 | 4  | S105 S106                                                                                                                            | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2009/06/13<br>15:17 |
| S108 | 2  | "20050078334"                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                                     | OR | ON | 2009/06/13<br>15:18 |

| S109 | 6  | S107 S108                                                                                                                            | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2009/06/13<br>15:18 |
|------|----|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----|----|---------------------|
| S110 | 7  | "2003084222" 2002-<br>209180                                                                                                         | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/06/13<br>15:19 |
| S111 | 5  | S109 and ((convers\$ or convert\$) and brows \$)                                                                                     | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2009/06/13<br>16:06 |
| S112 | 10 | "20040139463"<br>"5842023".FN.<br>"20020062487"<br>"20020078447"<br>"4607335".FN.<br>"6188790".FN.<br>"7263671".FN.<br>"6774951".FN. | US-PCPUB;<br>USPAT                                                      | OR | ON | 2009/06/13<br>16:13 |
| S113 | 5  | S112 and manag\$9                                                                                                                    | US-PGPUB;<br>USPAT                                                      | OR | ON | 2009/06/13<br>16:13 |
| S114 | 4  | S113 and conver\$9                                                                                                                   | US-PGPUB;<br>USPAT                                                      | OR | ON | 2009/06/13<br>16:13 |
| S115 | 4  | S114 and print\$4                                                                                                                    | US-PGPUB;<br>USPAT                                                      | OR | ON | 2009/06/13<br>16:13 |
| S116 | 4  | S115 and stor\$9                                                                                                                     | US-PGPUB;<br>USPAT                                                      | OR | ON | 2009/06/13<br>16:13 |
| S117 | 4  | S116 and broadcast                                                                                                                   | US-PGPUB;<br>USPAT                                                      | OR | ON | 2009/06/13<br>16:13 |
| S118 | 2  | S117 and (text and<br>markup\$)                                                                                                      | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2009/06/13<br>16:13 |
| S119 | 2  | S118 and display                                                                                                                     | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2009/06/13<br>16:13 |
| S120 | 1  | "6774951".pn.                                                                                                                        | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2009/06/13<br>16:20 |
| S121 | 1  | S120 and (display\$<br>and text) and (convert<br>\$ or convers\$)                                                                    | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2009/06/13<br>16:21 |
| S122 | 1  | S121 and content\$                                                                                                                   | US-PGPUB;<br>USPAT; USOCR                                               | OR | ON | 2009/06/13<br>16:21 |

## EAST Search History (Interference)

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4/9/2010 4:07:20 PM

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